What is claimed is:

1 1. A method for connecting a call between a	calling party a	and a called pa	arty
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- 2 comprising:
- 3 translating a source address for a first pluarlity of packets associated with the
- 4 call;
- sending the first plurality of packets to the called party without the called
- 6 party receiving the source address that indicates at least one from the group of a
- 7 logical identity of the calling party and a geographical identity of the calling party.
- 1 2. The method of claim 1, further comprising:
- 2 translating a destination address for a second plurality of packets associated
- 3 with the call;
- 4 sending the second pluarlity of packets associated with the call at the calling
- 5 party from the called party without receiving the destination address indicating at
- 6 least one from the group of a logical identity of the called party and a geographical
- 7 identity of the called party.
 - 3. A method for connecting a call between a calling party and a called party,
- 2 comprising:

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- 3 translating a first source address into a first global address, the first source
- 4 address being local to a first network and being associated with the calling party;
- 5 translating a first destination address into a second global address;
- 6 sending the first global address and the second global address from a first
- 7 network edge device to a second network edge device, the first network edge device
- 8 connecting the first network and a second network, the second network edge device
- 9 connecting a third network to the second network, the third network being associated
- 10 with the called party;
- translating the first global address into a second source address, the second
- 12 source address being local to the third network;

13	translating the second global address into a second destination address, the
14	second destination address being local to the third network and being associated with
15	the called party.

- 1 4. The method of claim 3, wherein:
- 2 the first source address and the first destination address are translated at the
- 3 first edge router for a plurality of packets associated with the call, and
- 4 the first global address and the second global address are translated at the
- 5 second edge router for the plurality of packets associated with the call.
- 1 5. The method of claim 3, wherein:
- 2 the first source address and the first destination address are translated at the
- 3 first edge router connecting the first network and the second network
- 4 the first global address and the second global address are translated at the
- 5 second edge router connecting the second network and the third network.
- 1 6. The method of claim 3, wherein:
- the first source address and the second source address are associated with an
- 3 originating interface unit within the first network, and
- 4 the first destination address and the second destination address are associated
- 5 with a terminating interface unit within the third network.
- 1 7. The method of claim 3, wherein:
- 2 the first network and the third network are untrusted networks, and
- 3 the second network is a trusted network.
- 1 8. The method of claim 3, further comprising:
- 2 releasing the first global address and the second global address after the call
- 3 is completed; and

- translating a third source address into the first global address, the third source
- 5 address being local to the first network and being associated with a second calling
- 6 party.
- 1 9. The method of claim 3, wherein:
- 2 the second destination address is translated into the second global address for
- a plurality of packets associated with the call and being sent from the called party to
- 4 the calling party;
- 5 the second source address is translated into the first global address for the
- 6 plurality of packets;
- 7 the first global address is translated into the first source address for the
- 8 plurality of packets; and
- 9 the second global address is translated into the first destination address for
- 10 the plurality of packets.
- 1 10. The method of claim 3, wherein:
- 2 the first source address and the first destination address are translated at the
- 3 first network edge device for a first plurality of packets associated with the call and
- 4 being sent from the calling party to the called party,
- 5 the first global address and the second global address are translated at the
- 6 second network edge device for the first plurality of packets associated with the call
- 7 and being sent from the calling party to the called party.
- 1 11. The method of claim 10, further comprising:
- 2 translating the second destination address into the second global address for a
- 3 second plurality of packets associated with the call and being sent from the called
- 4 party to the calling party;
- 5 translating the second source address into the first global address for the
- 6 second plurality of packets;
- 7 translating the first global address into the first source address for the second
- 8 plurality of packets; and

- 9 translating the second global address into the first destination address for the 10 second plurality of packets.
- 1 12.. A computer-readable medium having stored thereon instructions for privately
- 2 connecting a call between a calling party and a called party, the instructions when
- 3 executed by a processor cause the processor to:
- 4 send information associated with the call from the calling party to the called
- 5 party without the called party receiving a source address that indicates at least one
- 6 from the group of a logical identity of the calling party and a geographical identity
- 7 of the calling party.
- 1 13. The computer-readable medium of claim 12 having stored thereon
- 2 instructions that when executed by the processor further cause the processor to:
- 3 receive information associated with the call at the calling party from the
- 4 called party without receiving a destination address indicating at least one from the
- 5 group of a logical identity of the called party and a geographical identity of the
- 6 called party.
- 1 14. The computer-readable medium of claim 12 having stored thereon
- 2 instructions that when executed by the processor further cause the processor to send
- 3 of information associated with the call by the following:
- 4 translate a first source address into a first global address, the first source
- 5 address being local to a first network and being associated with the calling party;
- 6 translate a first destination address into a second global address;
- 7 send the first global address and the second global address from a first
- 8 network edge device to a second network edge device, the first network edge device
- 9 connecting the first network and a second network, the second network edge device
- 10 connecting a third network to the second network, the third network being associated
- 11 with the called party;
- translate the first global address into a second source address, the second
- 13 source address being local to the third network;

- translate the second global address into a second destination address, the second destination address being local to the third network and being associated with the called party.
- 1 15. The computer-readable medium of claim 14, wherein:
- 2 the first source address and the first destination address are translated at the
- 3 first edge router for a plurality of packets associated with the call, and
- 4 the first global address and the second global address are translated at the
- 5 second edge router for the plurality of packets associated with the call.
- 1 16. The computer-readable medium of claim 14, wherein:
- 2 the first source address and the first destination address are translated at the
- 3 first edge router connecting the first network and the second network
- 4 the first global address and the second global address are translated at the
- 5 second edge router connecting the second network and the third network.
- 1 17. The computer-readable medium of claim 14, wherein:
- 2 the first source address and the second source address are associated with an
- 3 originating interface unit within the first network, and
- 4 the first destination address and the second destination address are associated
- 5 with a terminating interface unit within the third network.
- 1 18. The computer-readable medium of claim 14, wherein:
- 2 the first network and the third network are untrusted networks, and
- 3 the second network is a trusted network.
- 1 19. The computer-readable medium of claim 14 having stored thereon
- 2 instructions that when executed by the processor further cause the processor to:
- 3 release the first global address and the second global address after the call is
- 4 completed; and

- translate a third source address into the first global address, the third source address being local to the first network and being associated with a second calling
- 7 party.
- 1 20. The computer-readable medium of claim 14, wherein:
- 2 the second destination address is translated into the second global address for
- a plurality of packets associated with the call and being sent from the called party to
- 4 the calling party;
- 5 the second source address is translated into the first global address for the
- 6 plurality of packets;
- 7 the first global address is translated into the first source address for the
- 8 plurality of packets; and
- 9 the second global address is translated into the first destination address for
- 10 the plurality of packets.
- 1 21. The computer-readable medium of claim 14, wherein:
- 2 the first source address and the first destination address are translated at the
- 3 first network edge device for a first plurality of packets associated with the call and
- 4 being sent from the calling party to the called party,
- 5 the first global address and the second global address are translated at the
- 6 second network edge device for the first plurality of packets associated with the call
- 7 and being sent from the calling party to the called party.
- 1 22. The computer-readable medium of claim 21, having stored thereon
- 2 instructions that when executed by the processor further cause the processor to:
- 3 translate the second destination address into the second global address for a
- 4 second plurality of packets associated with the call and being sent from the called
- 5 party to the calling party;
- 6 translate the second source address into the first global address for the second
- 7 plurality of packets;

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8	translate the first global address into the first source address for the second
9	plurality of packets; and

- translate the second global address into the first destination address for the second plurality of packets.
- 1 23. A method for privately connecting a call between a calling party and a called 2 party, comprising:
- 3 receiving a first global address and a second global address, the first global
- 4 address being a translation of a first source address, the first source address being
- 5 local to a first network and being associated with the calling party, the second global
- 6 address being a translation of a first destination address, the first destination address
- 7 being associated with the called party;
- translating the first global address into a second source address, the second
 source address being local to a second network; and
- translating the second global address into a second destination address, the second destination address being local to the second network and being associated with the called party.
- 1 24. The method of claim 23, wherein:
- 2 the first global address and the second global address are translated for a
- 3 plurality of packets associated with the call and being sent from the calling party to
- 4 the called party,

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- 5 the first global address and the second global address are translated at an
- 6 edge router connecting a third network to the second network.
 - 25. The method of claim 23, wherein:
- 2 the first source address and the second source address are associated with an
- 3 originating telephone broadband interface within the first network, and
- 4 the first destination address and the second destination address are associated
- 5 with a terminating broadband interface within the second network.

- 1 26. The method of claim 23, wherein:
- 2 the first global address and the second global address are translated at an
- 3 edge router connecting a third network to the second network
- 4 the first network and the second network are untrusted networks, and
- 5 the third network is a trusted network.
- 1 27. The method of claim 23, further comprising:
- 2 releasing the first global address and the second global address after the call
- 3 is completed; and
- 4 translating the first global address into a third source address, the third source
- 5 address being local to the second network and being associated with a second called
- 6 party.
- 1 28. The method of claim 23, wherein:
- 2 the first global address is translated into a second source address for a first
- 3 plurality of packets associated with the call and being sent from the calling party to
- 4 the called party; and
- 5 the second global address is translated into a second destination address for
- 6 the first plurality of packets.
- 1 29. The method of claim 28, further comprising:
- 2 translating the second source address into the first global address for a
- 3 second plurality of packets associated with the call and being sent from the called
- 4 party to the calling party; and
- 5 translating the second destination address into the second global address for
- 6 the second plurality of packets.
- 1 30. A computer-readable medium having stored thereon instructions for privately
- 2 connecting a call between a calling party and a called party, the instructions when
- 3 executed by a processor cause the processor to:

4	receive a first global address and a second global address, t	the first	globa
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- 5 address being a translation of a first source address, the first source address being
- 6 local to a first network and being associated with the calling party, the second global
- 7 address being a translation of a first destination address, the first destination address
- 8 being associated with the called party;
- 9 translate the first global address into a second source address, the second
- 10 source address being local to a second network; and
- translate the second global address into a second destination address, the
- 12 second destination address being local to the second network and being associated
- 13 with the called party.
- 1 31. The computer-readable medium of claim 30, wherein:
- 2 the first global address and the second global address are translated for a
- 3 plurality of packets associated with the call and being sent from the calling party to
- 4 the called party,
- 5 the first global address and the second global address are translated at an
- 6 edge router connecting a third network to the second network.
- 1 32. The computer-readable medium of claim 30, wherein:
- 2 the first source address and the second source address are associated with an
- 3 originating telephone broadband interface within the first network, and
- 4 the first destination address and the second destination address are associated
- 5 with a terminating broadband interface within the second network.
- 1 33. The computer-readable medium of claim 30, wherein:
- 2 the first global address and the second global address are translated at an
- 3 edge router connecting a third network to the second network,
- 4 the first network and the second network are untrusted networks, and
- 5 the third network is a trusted network.



- 1 34. The computer-readable medium of claim 30, having stored thereon
- 2 instructions that when executed by the processor further cause the processor to:
- 3 releasing the first global address and the second global address after the call
- 4 is completed; and
- 5 translating the first global address into a third source address, the third source
- 6 address being local to the second network and being associated with a second called
- 7 party.
- 1 35. The computer-readable medium of claim 30, wherein:
- 2 the first global address is translated into a second source address for a first
- 3 plurality of packets associated with the call and being sent from the calling party to
- 4 the called party; and
- 5 the second global address is translated into a second destination address for
- 6 the first plurality of packets.
- 1 36. The computer-readable medium of claim 30, having stored thereon
- 2 instructions that when executed by the processor further cause the processor to:
- translating the second source address into the first global address for a
- 4 second plurality of packets associated with the call and being sent from the called
- 5 party to the calling party; and
- 6 translating the second destination address into the second global address for
- 7 the second plurality of packets.
- 1 37. A method for connecting a call between a calling party and a called party,
- 2 comprising:
- translating a first local address into a first global address, the first local
- 4 address being associated with a first network;
- sending the first global address from a first network edge device to a second
- 6 network edge device, the first network edge device connecting the first network and
- 7 a second network, the second network edge device connecting a third network to the
- 8 second network; and

- 9 translating the first global address into a second local address, the second
- 10 local address being associated with the third network.
- 1 38. The method of claim 37, wherein:
- 2 the first local address is associated with the calling party, the first network is
- 3 associated with the calling party,
- 4 the second local address is associated with the called party, the second
- 5 network is associated with the called party.
- 1 39. The method of claim 37, wherein:
- 2 the first local address is associated with the called party, the first network is
- 3 associated with the called party,
- 4 the second local address is associated with the calling party, the second
- 5 network is associated with the calling party.
- 1 40. The method of claim 37, further comprising:
- 2 releasing the first global address after the call is completed; and
- 3 translating a third local address into the first global address, the third local
- 4 address being associated with a second call.
- 1 41. The method of claim 37, further comprising:
- 2 translating a second local address into a second global address, the second
- 3 local address being associated with the third network;
- 4 sending the second global address from the second network edge device to
- 5 the first network edge device; and
- 6 translating the second global address into a third local address, the third local
- 7 address being associated with the first network.
- 1 42. A method for connecting a call between a calling party and a called party,
- 2 comprising:

- 3 receiving, from a first network edge device at a second network edge device,
- 4 a first global address being a translation of the a first local address, the first local
- 5 address being associated with a first network, the first network edge device
- 6 connecting the first network and a second network, the second network edge device
- 7 connecting a third network to the second network; and
- 8 translating the first global address into a second local address, the second
- 9 local address being associated with the third network.
- 1 43. The method of claim 42, wherein:
- 2 the first local address is associated with the calling party, the first network is
- 3 associated with the calling party,
- 4 the second local address is associated with the called party, the second
- 5 network is associated with the called party.
- 1 44. The method of claim 42, wherein:
- 2 the first local address is associated with the called party, the first network is
- 3 associated with the called party,
- 4 the second local address is associated with the calling party, the second
- 5 network is associated with the calling party.
- 1 45. The method of claim 42, further comprising:
- 2 releasing the first global address after the call is completed; and
- 3 translating a third local address into the first global address, the third local
- 4 address being associated with a second call.
- 1 46. The method of claim 42, further comprising:
- 2 translating a second local address into a second global address, the second
- 3 local address being associated with the third network;
- 4 sending the second global address from the second network edge device to
- 5 the first network edge device; and

- 6 translating the second global address into a third local address, the third local
- 7 address being associated with the first network.